



INDEX TO VOL. VI ...1858.

(THIRD SERIES.)

Acreage of Crops in Scotland,	93
Acre, number of Plants to the	320
Address of Hon. J. R. Williams.	356
of D. G. Mitchell	141
Agricultural Addresses,	32
Fairs for 1858,	285
Fairs for 1858,	96
Machinery, Reading, Agriculture, General Principles of, Albany County Ag. Society, 83,	186
Reading,	34
Agriculture, General Principles	
of,	86
Albany County Ag. Society 83.	226
American Pomological Society,	309
American and English Ideas of	
Independence	354
Amesbury Ag Society	379
ANIMALS-Improved by Good	•
Independence,	252
Liniment for swellings on	140
Smoke for wounds in,	120
Salt for	290
Salt for, Ticks and Lice on,	138
Variation in	173
Variation in,	
Ants, Black, To Destroy,	224
Apples, Bitter Rot in, Samples of Western, Apple Borer, To Destroy,	126
Apple Peren T- T	13
Apple Borer, 10 Destroy,	304
Apple Seeds, cause of Bad, Preservation of for Plant-	318
Preservation of for Plant-	***
Apple Seed Washer, J. T.'s,	111
Apple Seed Washer, J. T.'s,	146
Mattison's,	92
Apple Trees, Lime Water for,	290
Mattison's, Apple Trees, Lime Water for, Soft Soap for, Wormson, To Destroy, 218,	238
Wormson, To Destroy, 218,	, 339
Architect for Farm Buildings needed, Artesian Wells, 52 Ashes and Hen Manure,	
needed,	33
Artesian Wells, 52	, 94
Ashes and Hen Manure,	219
from Burnt Sods,	210
from Burnt Sods	
11 om Barne Bode,	373
Autumn Hints, 331,	340
Bainbridge Town Ag. Society	340 99
Bainbridge Town Ag. Society	340 99 320
Bainbridge Town Ag. Society	340 99 320 95
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of.	340 99 320 95 350
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture.	340 99 320 95 350 215
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless.	340 99 320 95 350 215 47
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of	340 99 320 95 350 215 47 300
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of	340 99 320 95 350 215 47 300 313
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of	340 99 320 95 350 215 47 300 313 26
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47,	340 99 320 95 350 215 47 300 313 26 210
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47,	340 99 320 95 350 215 47 300 313 26 210 291
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47,	340 99 320 95 350 215 47 300 313 26 210 291 210
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, 181	340 99 320 95 350 215 47 300 313 26 210 291 210 226
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States.	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, English White Kidney, English, in the United States, Bees, Experience with,	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter,	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125 381
Autumn Hints, 331, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California.	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125 381 212
Autumn Hints, 331, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California.	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125 381
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, Culture of, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thorn-	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125 381 212
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, Culture of, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thorn-	340 99 320 95 350 215 47 300 313 26 210 291 210 226 354 125 381 212
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of,	340 99 320 95 350 215 47 300 313 26 210 291 216 354 125 381 212 368
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of,	340 99 320 95 350 215 47 300 313 26 210 221 226 354 125 368 312
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of,	340 99 320 95 350 215 47 300 313 26 210 221 226 354 125 368 312 282 352 127
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of,	340 99 320 95 350 215 47 300 312 26 210 291 210 226 354 1125 381 212 368
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thorn- less, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of,	340 99 320 95 350 215 47 300 313 26 210 226 354 112 368 312 282 368 312 282 368 312 291 201 201 201 201 201 201 201 201 201 20
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, ITI, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Bone Dust, To Increase Value of, Bone Mills	340 99 320 95 350 215 47 300 313 26 210 226 354 1125 368 312 212 368 312 212 368 312 212 368
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, Culture of, English White Kidney, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphurie Acid, Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207,	340 99 320 95 350 215 47 300 313 26 210 226 354 112 368 312 282 368 312 282 368 312 291 201 201 201 201 201 201 201 201 201 20
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keep	340 99 320 95 350 215 47 300 313 26 210 291 210 221 354 125 368 312 282 352 127 364 290 126 290 290 290 290 290 290 290 290 290 290
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping	340 99 320 95 350 215 47 300 313 22 226 354 125 381 212 368 312 282 352 127 290 126 292 354
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, Server Winters, Culturer, 292, For a Farmer's Library, 292,	340 99 320 95 350 215 47 300 313 26 210 291 210 221 354 125 368 312 282 352 127 364 290 126 290 290 290 290 290 290 290 290 290 290
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, Culture of, Italian White Kidney, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Books — Annual Register, 207, Cochran's Farm Book Keeping, Suenon's Treatise on Milch	340 99 320 95 350 215 47 300 313 26 210 221 221 354 125 368 312 282 368 312 282 364 290 126 47 364 290 354 47 364 290 354 354 364 364 365 365 365 365 365 365 365 365 365 365
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, Culture of, Italian White Kidney, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Books — Annual Register, 207, Cochran's Farm Book Keeping, Suenon's Treatise on Milch	340 99 320 95 350 215 47 300 313 22 226 354 125 381 212 368 312 282 352 127 290 126 292 354
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticul-	340 99 320 95 350 350 215 47 300 2210 2226 354 1125 381 212 368 312 282 282 282 127 364 292 354 49
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticul-	340 99 320 95 350 215 47 300 313 26 210 221 221 354 125 368 312 282 368 312 282 364 290 126 47 364 290 354 47 364 290 354 354 364 364 365 365 365 365 365 365 365 365 365 365
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticul-	340 99 320 95 350 215 47 300 313 26 210 291 210 2216 354 125 381 212 368 312 282 352 126 292 354 47 381 292 47 381 381 292 47 381 381 381 381 381 381 381 381 381 381
Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticul-	340 99 320 95 350 350 215 47 300 2210 2226 354 1125 381 212 368 312 282 282 282 127 364 292 354 49
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English white Kidney, English White Kidney, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticulture, Milch Cows and Dairy Farming, 348, Pocket Manual of the Farm, 348, Pocket Manual of the Farming, 348,	340 99 320 95 350 215 47 300 313 26 210 291 210 2216 354 125 381 212 368 312 282 352 126 292 354 47 381 292 47 381 381 292 47 381 381 381 381 381 381 381 381 381 381
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, 171, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphurie Acid. Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, Garden Manual of Horticulture, Milch Cows and Dairy Farming, 348, Pocket Manual of the Farm, Report Mass. Board of Agri-	340 99 320 95 350 215 47 300 2210 2210 2226 354 1125 368 312 2282 282 282 282 292 126 354 49 67
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, Culture of, East Soil for, Culture of, English White Kidney, English, in the United States, Bees, Experience with, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Mills BOOKS—Annual Register, Cochran's Farm Book Keeping, September 1992, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticulture, Milch Cows and Dairy Farming, 348, Pocket Manual of the Farm, Report Mass. Board of Agriculture, Culture, Culture, Culture Mass. Board of Agriculture, Culture, Culture, Culture, Culture, Culture of, Sarden Manual of the Farm, Report Mass. Board of Agriculture, Culture, C	340 99 320 95 350 215 47 300 2210 2210 2226 354 1125 368 312 2282 282 282 282 292 126 354 49 67
Autumn Hints, Bainbridge Town Ag. Society, Fair of, Barberry, To Raise from Seed, Barley, Culture of, For Winter Pasture, Nepaul or Beardless, Value and Composition of, Barn-Door, Improvement in, Bard-Yards, Covered, Beans, Best Varieties of, 47, Best Soil for, Culture of, 171, English White Kidney, English white Kidney, English White Kidney, How to Winter, in California, Profits of, Blackberry, Newman's Thornless, Blackberries, Culture of, Propagation of, Bones, Burning, and Sulphuric Acid, Bone Dust, To Increase Value of, Bone Mills 94, BOOKS—Annual Register, 207, Cochran's Farm Book Keeping, 292, For a Farmer's Library, Guenon's Treatise on Milch Cows, Garden Manual of Horticulture, Milch Cows and Dairy Farming, 348, Pocket Manual of the Farm, 348, Pocket Manual of the Farming, 348,	340 99 320 95 350 215 47 300 2216 2210 2226 354 212 368 312 2282 368 312 2282 368 312 2282 368 312 240 291 491 491 491 491 491 491 491 491 491 4

Books - Transactions American	
Institute,	141
N. Y. S. Ag Society,	194 141
N. Y. S. Ag. Society, The Barn-Yard,	348
Box, Propagating Dwarf,	141
Brick, Lime, Value of 190 191	$\frac{110}{320}$
Box, Propagating Dwarf,	299
Tabling, Bucks Co. (Pa.) Ag Society, 99, Fair of,	287
Fair of	258 356
Buckwheat not an exhausting	000
crop.	293
Bran Poisonous to Swine,	48 16
Barn, Improved	76
Mr. Clizbee's,	119
Good Cattle, Mr. Lobdell's,	182 266
Farm House, Design for	20
House, Mr. Mann's Octagon, Small Octagon,	57 155
Mr. Curtis' Octagon	181
Mr. Thomas' Octagon,	219
For Growing Vegetables in Winter	28
Ice House, cheap,	368
Pian of,	380
Rose Hill, Small, Design for,	153 184
Tenant, Houses, Coal Furnaces for	267
Houses, Coal Furnaces for	-
Cobble Stone Walls for,	91 279
Poultry Houses. Construc-	
School Houses, Designs for	63
School Houses, Designs for	25, 313
Burning Sods for Ashes,	373
Burning Sods for Ashes,24 Butter-Making, Profits of,24 In Winter,	, 90
Large Products of 116, 119.	157
Temperature of Cream for	
Churning Milk, 176, 319,	55 366
Cabbage for Cattle,	161
Cabbage for Cattle,	320
Salt for, Sheltering for Winter Use, Varieties of,	113
Varieties of,	47
Camornia Agriculture,	
Devon Cattle in,	65 65
State Ag. Society, Cape Gooseberry, culture of,	66
Cape Gooseberry, culture of,	48 347
Carpet Sweeper,	113
How to Sow,	160
CATTLE—Ayrshires, Breeders	157
of,	127
Ayrshire, Large Sale of,	355
Aldeneys, Mr. Calvert's, Mr. McHenry's,	$\frac{202}{233}$
At New-York State Fair	346
Bullocks, Heavy, 227,	291
Bloody Murrain in,	310 50
Wintering,	46
Disease in, 61	, 95 373
Remedy for Lice on	88
Linseed Tea for,	118
Cows, Pumpkins for,	61
Falling of Womb in.	61 381
Products of Bb	, 67
Garget in, Remedy for, 80, Average Yearly Milk of,	222 82
Dairy, in England,	82
To Eularge stream of Milk,	95,
	1 7 7

attle-Experiments in Feeding,	117
Singular Death of	125
Remedy for Milk Running	124
from Teats of,	157
for,	194
Comparative value of roots for,	040
backs,	$\frac{242}{245}$
Value of Blood in,	307
Treatment of a Sick,	313
Importance of Good, Remedy for Kicking,	323
Feed for,	355
Changing Pastures for,	228
Disease in, Devons, Sales of,	35 96
Mr. McHeary's	233
Mr. Patterson's, Cow Nonpariel,	241 280
Myrtle,	281
Myrtle, Fatal Disease Among,	13
Feeding Oil Cake to, Fat vs. Milk and Stamina in,	72 229
Foot Distemper in,	255
For the South	355
Grinding Feed for, 173, Galloways, Breeders of,	188
Floor All III. Causes of	59
Heifers, Training	183
Heifers, Training Herefords, Value of, Holstein, Mr. Reybold's,	97 243
How Good Points may be ob-	
tained,	229
Horn Ail, Remedy for, Improved Breeds of,	267 173
Jersey Bull Commodore,	88
Cow Charity,	120
Mr. McHenry's,	217
Mr. Giles', Keeping Cows vs. Fattening,	292
Keeping Cows vs. Fattening,	323
Licking themselves, 281,	373
Management of	59
Mistakes in Feeding	373
Mr Merryman's, Number of, in Ohio,	66
Oxen, Large exhibition of,	123
Drawing by the Head, Cure for Sore Necks of,	290 340
Pleuro-pueumonia in,	108
Profits of Feeding,	182
Stanchions for Fastening hort-Horns, Alexander's	150
sale of,	204
Cow Mazurka 3rd,	155
Cow Chatelaine, Death of Lord Ducie,	379
Messrs. Haines' sale of	229
Mr. Chapman's sale of, Mr. Lobdell's, Mr. Corwin's,	$\frac{349}{266}$
Mr. Corwin's,	280
Mr. Cornell's, Sales of, 226, 289, Sales of, in England,	380
Sales of, in England	378
Large Purchase of	356
Neptune and Finella,	289 205
Steers, Training to Work, Soiling,	205
Shipped to the United States,	292
To Prevent Jumping 95, auliflowers, Heading in Winter,	127
ellars, Cement, 286,	287
Improving Leaky	23
ement or Mortar, Durable,	126 347
heese Vat, Roe's,hautauque Co. Ag. Society,	293
Fair of	353
herry, Grafting the	225 31,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	306



Chestnuts, How to Plant, 119
Spanish,
249
Fair of,
Chimney, to Stop Fire in, 21
Chinese Sugar Cane, for Swine,. 33
Syrup from, 19, 30 Sugar from, 31
in Indiana, 35, 36
in Pennsylvania,
in Virginia,
at the South,49 Cost of Syrup from, 64, 80, 116
Good yield of
Mill for Grinding, 79, 126 Churning Milk, 176, 319, 366 Temperature of Cream for, 55
Temperature of Cream for, 55 Cisterns for Farm Purposes, 316, 340
Cisterns for Farm Purposes, 316, 340 Timbers for
Timbers for,
Close of The Year, 329 Clover, Importance of, 118
Its Management and Value. 365
Mammoth Red 177
Seed, Cleaning 55, 371 Sheller and Huller 175
Cobble stone walls, How to Build, 279
Columbia Cultivator's Club, 323, 324
Connecticut State Ag. Society, 68
Fair of
Corn Husker, Perkins', 344 Corn Stalk Cutters, 78, 94
Corrections, 98
Country Gentleman, circulation
of,
Notices of, 35, 49, 98, 123, 193
For Ag. Premiums
Caudage,
Crops, Culture of Growing, 217
Things Essential to Good, 208 Cucumbers, The Best, 48
To Grow Early, 87
Cultivator, 25th Volume of 9
Premiums, Award of, 64 To Friends of, 329, 361
Curculio, Remedies for, 80
Lime Whitewash for, 27 Dairying, Experiment in, 282
Dairies of Vermont, 97
English and Scotch, 82
Dalsies, White, to Destroy, 76, 127 Death of E. P. Roberts, 161
of Judge Beatty 228
Deepen The Soil, 288 Delaware County Ag. Society, 196
Dew. Cultivating Plants while on. 91
Diploma, a Novel One, 379
DOMESTIC ECONOMY:
Beer, Home Brewed 75
Blackberry Wine, Receipe
Bites and Stings, Remedy for, 243
Brown Bread, Receipe for, 87,
Brine for Beef, 330
Cabbage Salad, 143
Cabbage Salad, 143 Candles, To Harden Lard for, 26 Cement for Stopping Leaks, 255
Cement, Hard.
Chimneys, To Stop Fire in. 21
Corn Soup and Corn Oysters, 284 Corns, Cure for, 224
Court Plaster, Receipt for, 54
Cream, To Keep Dust from, 340
185
Drying Peaches without peel-
ing,
Drying Sweet Corn, 284, 305
Fleas, Remedy for, 23
Frosted Feet, How to Treat, 370 Ginger Beer, 223
Green Tomatoes for Pies, 317
Guyandotte Muffins,
Hints About Candles, 112
Ink Spots to Remove 46 88

Liniment, Valuable,	52
Milk Pans, Covering for, Months in Carpets, To Des-	124
Months in Carpets, To Des-	
Peach Wine	340
Peach Wine	257
Preserving Fruits in Cans,	370
Preserving Fruits in Cans,	219
Potatoes, How to Improve	101
Soggy, Rheumatism, Cures for, 2. Rhubarb Wine, Receipe for Writing Ink,	194
Photos Windows for, 27	, 36
Paging for Writing July	321
Rice, How to Cook,	1140
Scarlet Fever, Management	114
of	312
of, Spider-Apple Pie, Spruce Beer, Recipe for,	19
Spruce Beer Recipe for	223
Soap, Washing, Recipe for, -	46
Wounds to Ston Reeding	15
Yeast, How to Make, Door-Yard, A Tidy One, Draining, Advantages of, Answers to Inquiries About,	120
Door-Yard, A Tidy One,	172
Draining, Advantages of	207
Answers to Inquiries About,	352
How to Do it. In Steuben County	17
In Steuben County,	369
Swarraps, 26, 91, 122,	228
Tile, Increased Demand for,	32
What Hinders more Fre-	
What Hinders more Frequent Trials of,	11
Successful with Stone,	42
Impervious Clay,	49
With Flat Stone,	92
Objections to,	
Stiff Clays,	242
Experiments in 311, Deepens the Soil,	367
Improved the Quality of	179
Improves the Quality of Crops, Increases the Effect of Manure, 195, Lengthens the Season.	337
Increases the Effect of Ma-	001
nure 195.	209
Lengthens the Sesson.	213
Prevents Heaving Out	306
Prevents Heaving Out, Prevents Injury from dro'ght,	372
Without Tiles,	363
Tools for,	376
Drills vs. Hills,	196
Ducks and Cranberries	32
Ducks and Cimiocities	-
Ducks and Cranberries, Editorial Correspondence 192, 201	, 204
Editorial Correspondence 192, 201 214, 220, 233, 241, 244, 265,	275,
214, 220, 233, 241, 244, 265,	275, 351
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Ca-	275, 351
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Ca- talogue	275, 351 196
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Ca- talogue	275, 351 196
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad.	275, 351 196 97 205
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad.	275, 351 196 97 205
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad.	275, 351 196 97 205
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 27 27
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine. Nutting's, 161,	275, 351 196 97 205 341 97 27 270 341 357
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine. Nutting's, 161,	275, 351 196 97 205 341 97 27 270 341 357
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 27 270 341 357 55 46
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 27 270 341 357 55 46 76
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics.	275, 351 196 97 205 341 97 270 341 357 55 46 76
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 99 179 187
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics, Productive of The, Rotation for a Clayey, Productive Small.	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179 187 228
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics, Products of The, Rotation for a Clayey, Productive Small, A Profitable Forty Acre,	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179 187 228 272
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics, Products of The, Rotation for a Clayey, Productive Small, A Profitable Forty Acre,	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179 187 228 272
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 56 46 76 99 179 187 228 272 244 202
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 857 46 76 99 187 228 228 272 244 202 148
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics, Products of The, Rotation for a Clayey, Productive Small, A Profitable Forty Acre, Bryan Jackson's, C. B. Calvert's, Donald Mitchell's, F. P. Blair's,	275, 351 196 97 205 341 97 270 270 270 357 46 76 99 179 187 228 274 202 148 192 266
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 270 270 270 270 466 766 99 179 187 228 274 202 148 192 262 265
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology. 142, 238, Evergreens in Michigan, Experiments, Reports of Various, Fallows. Object of, Fall Web-worm, Fanning Machine, Nutting's, 161, Farm, Large Prairie, Resources of the, Buildings, Improvements in, Accounts and Statistics, Products of The, Rotation for a Clayey, Productive Small, A Profitable Forty Acre, Bryan Jackson's, C. B. Calvert's, Donald Mitchell's, F. P. Blair's, G. G Lobdell's, G. Z. Tybout's, Henry Carroll's,	275, 351 196 97 205 341 97 27 270 341 357 55 46 76 99 179 1228 272 244 202 266 265 214
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 187 228 224 202 148 202 214 202 266 265 204 265
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 187 228 272 244 202 148 202 148 202 214 202 25 266 265 233
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 857 55 46 76 99 179 187 228 221 48 192 266 265 214 265 233
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 46 76 69 179 187 228 189 202 214 205 214 265 233 220 233
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 187 2284 202 244 202 2148 202 256 265 2148 265 233 220 332 297
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 857 46 76 99 179 187 228 228 244 192 266 214 265 214 265 214 265 214 333
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 857 46 76 99 179 187 228 228 244 192 266 214 265 214 265 214 265 214 333
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179 187 2284 202 2148 202 2166 265 233 2200 8322 97 3333 332 220
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 46 76 99 179 179 128 272 244 202 148 192 244 265 214 265 214 265 213 3220 332 200 332 220 245 224 224 222 244
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 857 266 666 766 769 179 187 2244 205 2244 265 233 332 27 2333 332 220 2214
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 46 76 99 179 187 228 244 192 264 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 214 265 253 220 253 221 253 2220 253 2520 253 2520 253 2520 253 2520 253 253 253 253 253 253 253 253 253 253
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue,	275, 351 196 97 205 341 97 270 341 857 46 76 99 179 187 228 2244 205 233 332 240 355 214 110 355 214 110 355 378
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 55 46 76 99 179 187 2244 202 244 202 244 265 233 322 245 241 110 355 378 378
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 206 341 97 270 341 357 55 46 76 99 179 187 2284 202 214 205 214 265 233 220 245 214 355 3788 370
214, 220, 233, 241, 244, 265, Emery Brothers' Illuminated Catalogue, England, Winter in, What It Eats From Abroad, Entomology	275, 351 196 97 205 341 97 270 341 357 46 76 99 179 187 228 222 245 222 245 233 332 220 355 214 110 357 378 378 378 378 378 378 378 378 378 37

ı	Farming, How to make Profitable	112
i	Mr. Geddes', 227, 228, 315,	322
l	On the Prairies	115
ı	On the Onondaga Shales,	315
ı	Profits of 32	116
l	That Pays.	188
ł	Unprofitable, 43.	
ı	Without Live Stock	226
ı	Farms, Terms for Leasing, Fence, Cheap Temporary,	115
ı	Fence, Cheap Temporary,	189
١	Cheap Western, Improvement in the Rod, Movable Board,	300
i	Improvement in the Rod	159
ı	Movable Board,	18
١	wateon's fortable	76
I	_ Wire, 62,	203
I	Fencing, Expensive,	97
ŀ	Flax California	47
ı	As a Failow Crop.	371
ı	Fleas, Remedy for, Fodder, Cutting and Feeding out,	23
l	Fodder, Cutting and Feeding out,	77
l	Franklin County, Vt.	97
l	Frost, Early,	289
I	Fruit, Early,	323
١	Frost, Early, Fruit, Early, American in England,	96
ı		324
1	To Preserve Fresh in Cans, Fruit-Grower's Society of Wes-	219
1	Fruit-Grower's Society of Wes-	
I	tern New-York	67
1	Fruits, Colored Prints of, 30,	379
ł	For the South	11
1	Good Cultivation of,	240
1	Mildew on in Oregon,	126
1	Wild, Culture of, Fruit Trees, Mulching,	191
1	Fruit Trees, Mulching,	353
1	Pruning	158
ł	Raising from Seed,	82
l	To Prevent Rabbits Gird-	
ı	Suckers and Sprouts from,	93
l	Suckers and Sprouts from,	127
ı	Small, Transplanting Small,	371
ŀ	Garden, Productive,	172
I	Gardening Acres Occupied in	150
l	Gardening, Acres Occupied in, Gas Lime,	61
١	Gate Winegar's Canstan	323
ļ	Giles John Visit to	292
l	Giles, John, Visit to,	291
١	Gooseberries, Raising,	145
I	Grain Drills,	191
I	Grain Stubble, management of,	321
l	Grafts, Cutting and Preserving, - Grape, Muscat Catawba,	28
I	Grape, Muscat Catawba,	304
ı	Delaware,	376
l	The Mustang,	223
1	The Aden,	285
1	Childs' Superb,	30
1	Grape-Grower's Association of	07
ı	Conn.,	67
1	Grapes, Hardy, 285, Culture of in the West,	$\frac{288}{223}$
1	For Southern Ohio	250
1	For Southern Ohio,	$\frac{352}{378}$
1	Good Samples,	34
١	Items in Culture of,	307
1	Propagating Wild,	61
1	Pruning and Grafting,	307
1	Seedling.	324
1	To Grow From Seed,	30
1	Wild, of Canada	50
1	Grane-Vine Sterile	353
1	Grane Vines on Trees	116
1		18
I	Grass, Kentucky Blue	-
-	Grape Vines on Trees,	190
	Improvement of,	190 171
	Improvement of, Seeding.	190 171 185
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy,	190 171
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed-	190 171 185 286
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing. 297,	190 171 185 286 311
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing, Top Dressing for,	190 171 185 286
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of co-	190 171 185 286 311 175
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of covering.	190 171 185 286 311 175
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of covering.	190 171 185 286 311 175 114 99
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing, Top Dressing for, Grass Seeds, Proper Depth of co- vering, Greene Co. Ag. Society, Grub, Salt Will not Destroy,	190 171 185 286 311 175
	Grass Lands, Guano for, Improvement of, Seeding, Seeding, Seeding to Timothy, Spring and Summer Seeding, 297, Top Dressing for, Grass Seeds, Proper Depth of covering, Greene Co. Ag. Society, Grub, Salt Will not Destroy, Guano, Importation and prices of,	190 171 185 286 311 175 114 99 27 65
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seeding. Top Dressing for, Grass Seeds, Proper Depth of covering. Greene Co. Ag. Society, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating,	190 171 185 286 311 175 114 99 27 65 216
	Grass Lands, Guano for, Improvement of, Seeding, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of covering, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient,	190 171 185 286 311 175 114 99 27 65 216 365 17
	Grass Lands, Guano for, Improvement of, Seeding, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of covering, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient,	190 171 185 286 311 175 114 99 27 65 216 365 17
	Grass Lands, Guano for, Improvement of, Seeding, Seeding, Seeding to Timothy, Spring and Summer Seeding, Top Dressing for, Grass Seeds, Proper Depth of covering, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient,	190 171 185 286 311 175 114 99 27 65 216 365 17 117 226
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing, 297, Top Dressing for, Grass Seeds, Proper Depth of co- vering, Greene Co. Ag. Society, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient, Hay, Best Substitutes for, 29, Best Mode of Curing, 209, Cutting Early, 149, 152,	190 171 185 286 311 175 114 99 27 65 216 365 17 117 226 235
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing, Top Dressing for, Grass Seeds, Proper Depth of co- vering, Greene Co. Ag. Society, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient, Hay, Best Substitutes for, 29, Best Mode of Curing, 209, Cutting Early, 149, 152, Crop of New-York,	190 171 185 286 311 175 114 99 27 65 216 365 17 117 226 235 150
	Grass Lands, Guano for, Improvement of, Seeding, Seeding to Timothy, Spring and Summer Seed- ing, 297, Top Dressing for, Grass Seeds, Proper Depth of co- vering, Greene Co. Ag. Society, Grub, Salt Will not Destroy, Guano, Importation and prices of, Harrow, Buck-Eye Rotating, Shares' Patent Coulter, New and Convenient, Hay, Best Substitutes for, 29, Best Mode of Curing, 209, Cutting Early, 149, 152,	190 171 185 286 311 175 114 99 27 65 216 365 17 117 226







Han-Making, Suggestions About, 125
Rules for Measurement of, 34 Time to Cut, 218, 226
Hay-Caps, Value of,
Prices and Sizes of, 143
Hay Fork, Horse, 96, 304 Hedges and Screens, 320
Autumn Attention to, 331
Barberry for, 54, 97 Buckthorn for, 257
Osage Orange 222, 247, 368
Management of, 105 Plants for Ornamental, 19
Planting Osage Orange, 144, 191
Trimming Osage Orange, 62 Hemlock for Screens, 352
Hint from the Dictionary 65
Honorary Degrees on Farmers, 33 Honey, Large Product of, 379
Hops, Gathering, 305
Hops, Gathering
How Cooked, 224 HORSES—Bots in, Cures for, 301, 375
Big Head in,
Cure for Apring Halt in 146
Cure for Spring Halt in, 146 Cure for Sweney in, 221, 377 Colic in, Cures for, 225, 287, 339
Colic in, Cures for, 225, 287, 339 Cure for Scours in Colts, 236
Disease in Skin of, 352
For Oregon, 162 Fast Trotters, 372
Flat Feet of, 289
Heaves, Cures for, 158, 159, 222 Masson's Oil for Wounds on, 88
Mr. Alexander's Lexington. 123
Mr. McHenry's, 234 Poll Evil, Treatment of, 29, 289
Ringbone on 369, 375, 370 1
Roaring in,
Spavin, Cure for, 377
Sales of
To Prevent throwing their
Tails over the Reins, 31, 62, 127
To Remove Warts from, 286, 289
Horse Powers, Cheap, 207 Horse Hoe, Wetherell's, 310
Horse Pitchfork, 96, 304
Horse Pitchfork, 96, 304 Hungarian Grass, 42, 60, 159, 174 Value of, 107, 189 Ice House Above Ground, 286
Ice House Above Ground, 286
llimots, Farming In 143
Index for Readers,
An lowa Crop of,
375
Culture of,
Experiments with Manures
on,
Harris' Experiments with, 161
Husking,
Growing in Vermont, 343
King Philip, 21, 34, 288 Large Yield of, 66
Measuring in the Crib, 13, 81
Manures for,
Planting King Philip 157
Preparation for Crop of, 314
Report on Varieties of, 47
Suckering,
Transplanting, 246
Time for Cutting for Fodder, 318
Whether to Sell or Feed it. 34
Weight of per Bushel, 339, 357 Insects. How To Preserve, 256
On Potatoe Vines,
The Squash Bug 142
Apple Tree Borer, 238

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Insects Fall Web warm
Insects, Fall Web-worm, 341 Wheat Midge, 246, 335
John Johnston Lattors from 180 925
Stock Shows in,
Kohl Rabi, Culture of, 27, 115
Land Bill, Mr. Morrill's, 175
Lands Exhausted by over Crop-
ping 86
Letter from a Canada Subscriber, 288
Of Inquiry 96
Life Everissing 259
Lime as a Manure, 337, 342
Lime Brick, 190, 191, 320 Lime, How to Use, 256
Lightning Rods, 235
Locust. Seeds of,
To Raise from Seed, 30, 95
Long Island Lands,
Maine State Fair, 354
Liamas, Importation of, 65, 97  Locust, Seeds of, 158  To Raise from Seed, 30, 96  Long Island Lands, 156  Longworth, Nicholas, Visit to, 275  Maine State Fair, 354  Machines at State Fair, 347  MANURES—Ashes and Pouttry, 219  Brains for 33
try, 219
0
Muck, &c., for 121
Creek Mud for, 155 Lime and Muck, 190, 288
Muck for 206
Making, 206
Muck and Barn-vard 243
Sawdust for, 95, 121, 318
Charcoal Dust, 292
Commercial Fertilizers, 375
Chip,
Guano, Poultry, &c., 177
Horn Piths, Oyster Shells and Bones,
How to Increase, 298, 374
How to Apply,
Loss of,
Lime 337, 342
Management of
Muck for Upland 62
Plaster and Ashes, 157 Poultry, Use of, 150, 158
Plaster and Ashes, 157 Poultry, Use of, 150, 158 Spreading in Fall and Winter, 32
Shoemaker's Scraps for, 31
Sawdust Steeped in Chamber Lye,
Lye,
Surface Application of, 202 Salt, 74, 113, 228, 229, 274 Value of Different, 298
Value of Different, 298 What England Pays for it, 356
Mari, Fresh Water Shell, 42
Maryland Ag. College 201
Masson's Oil for Wounds in Ani-
mais, 88
Meadows, Guano for,
Manuring, 258
24 1 0 1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Melons, Good Varieties of,
State Ag. Society 356
Milk Business, 202
Milk Business,
Culture of, 158, 187, 228
Egyptian,
127, 183
Missouri State Fair, 161, 259, 316 Mowers, Allen's, 98
Ball's, 123
Premium at Syracuse Trial, 44

Mowers, Uncertainty About	158
vs. the Scythe, 143, 156, 218	, 226
Mowers, Uncertainty About, vs. the Scythe, 143, 156, 218 New-Hampshire, Farming in, New-Haven, An Hour About,	332
New Jersey State Ag. Society,  Fair of,  New York Hort. Society,	97
New York Host Society	316
Mew-1 ork State Ag. College, 31	, 00,
98, 186.	324
New-York State Ag. Society: Annual Meeting of,	. 84
Executive Committee meet	
Treasurer of,	85 157
Fair of	346
New-York State, Notes from	1
Nursery Business,	150 82
John Saul's,	193
Nurseries, Winter Protection of Oat Crop in Europe,	379
Oats for Sheep, On Turnep Ground,	252
On Turnep Ground,	78 47
Ohio State Board of Agriculture	65
Ohio State Fair, Oil Cake, Directions for Feeding,	316
	118
Cneida Co. Ag. Society,	66
Onions Running to Tops, Onondaga County, Survey of	143 227
Onondaga County, Survey of, Ontario Co. Ag Society, 196,	351
Orchards, recuilly Hove in	79 366
Cultivation of, Farmers Should Plant,	339
How to Kenovate Old,	149
Improvement of, Pruning Old,	184
Pruning Old, Preparing Grounds for,	21
Soils for, To Destroy Worms in,	158 255
Oregon against the World,	228
Osier or Basket Willow Pareneps and other Roots,	22 10
Pastures, Changing, 228,	277
Feeding off,Improvement of,	331
Small Fields for,	$\frac{239}{321}$
Patent Office, Ag. Division of,	323
Paulownia Imperialis, Peach Buds, Destruction of,	75 154
Stones, How to Plant,	31
Peaches, Best for Market	352 365
in Delaware,	245
Early and Late,	283 257
Grafting on Willows, &c., Peach Tree Diseases,	372
Pears, Best Market,	312 83
Doyenne Robin,	184
Doyenne Robin,	$\frac{279}{322}$
Easter Buerre and Clairgeau,	30
Egg,	259 354
Fine,	223
New, Described, 12	, 51
Ott, Pulsifer,	372 372
Raising New	370
Theodore Van Mons, Thoughts on the Culture of,.	$\frac{110}{254}$
Will not Grow on Hornbeam,	224
Pear Trees, Blight in, 146, Peas, Chinese,	259 196
Experiments with,	47
Japan.	
To Destroy Rouge in one	286
To Destroy Bugs in, 256, Plaster and Ashes,	286 157
Plaster and Ashes, Pine Seeds, Sowing,	286 157 352
Plaster and Ashes,	286 157
Plaster and Ashes,	286 157 352 41
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of	286 157 352 41 123 147
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of, Cultivated While Dew is on,	286 157 352 41 123
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of, Cultivated While Dew is on, PERIODICALS—	286 157 352 41 123 147 169 91
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of, Cultivated While Dew is on, PERIODICALS— American Farmer, American Veterinary Jour-	286 157 352 41 123 147 169 91 226
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of, Cultivated While Dew is on, PERIODICALS— American Farmer, American Veterinary Jour-	286 157 352 41 123 147 169 91
Plaster and Ashes, Pine Seeds, Sowing, Plans for the Year, Planting Too Much, Plants Sent by Mail, Functions of Leaves and Roots of, Cultivated While Dew is on, PERIODICALS— American Farmer	286 157 352 41 123 147 169 91 226



Periodicals, Friend's Review,         69           Genesee Farmer,         64           Indiana Farmer,         213           Illinois Cultivator,         224           Kentucky Farmer,         341           New-York Teacher,         367           Ohio Cultivator,         322           Prairie Farmer,         224           Rural American,         174, 195	Reapers, Value of,
Genesee Farmer,       64         Indiana Farmer,       213         Illinois Cultivator,       224         Kentucky Farmer,       341         New-York Teacher,       367         Ohio Cultivator,       322         Prairie Farmer,       224         Rura! American,       174, 195	Rensselear Co. Ag. Society, 99 Report on Cultivation of Various Plants. 4
Indiana Farmer,       213         Illinois Cultivator,       224         Kentucky Farmer,       341         New-York Teacher,       367         Ohio Cultivator,       322         Prairie Farmer,       224         Rural American,       174, 195	Report on Cultivation of Various
Illinois Cultivator, 224   Kentucky Farmer, 341   New-York Teacher, 367   Ohio Cultivator, 322   Prairie Farmer, 224   Rural American, 174, 195	Plants
New-York Teacher,       367         Ohio Cultivator,       322         Prairie Farmer,       224         Rural American,       174, 195	A
Ohio Cultivator,	Rhode Island State Fair, 316
Prairie Farmer, 224 Rural American, 174, 195	Rhubarb, Myatt's Victoria, 48
Rura! American, 174, 195	Rice, Indian, 303, 355 Weevil in 246
	Rock Island (Ill.) Ag. Society, 253
The Horticulturist, 196	Roller, A Good One, 304
Plow, Allen's Potatoe Digging, 313	Importance of 202, 273
Fawke's Steam,	Root Cutter, Willard's, 97 Roots, Functions of 169
Hildreth's Gang, 182	Directions for Pitting, 364
Michigan Double, 62, 126	Rose Acacia, Propagation of, 62
Premium for Steam 160 Side Hill, on Level Ground, 239	Rotation for a Clayey Farm, 187 Royal Hawaiian Ag. Society, 65
Van Loan's Improved, 213	Ag. Society of England, 225
Plowing among Stumps, 319	Rural and Domestic Economy, 340
Deep,	Ruta Bagas, Culture of, 81
Fall, 344 Shallow, 369	Premium Crop of,
Thoughts on the Objects of, 284	Roman, 47
lows, Manufacture of, 379	White, 319, 376
Plum, Prince Englebert, 312	Sage, Culture of, 189
Royal Tours, 334   Plums, Four Described, 52	Salt for Wheat,
Seven Desirable, 268	As a Manure for Cabbage,
'lum Trees. Larvæ on, 240	&c., 74, 113
Posts, Inverted, 340   340   340   355	Function of, in Agriculture, 274
OTATOES—Allen's Plow for	Sawdust for Compost, 95, 121 Scarlet Fever, Management of 312
Digging, 313, 331	Scarlet Fever, Management of, 312 School House, Design for, 25
Cause of Rot in, 14, 290, 380	Scotland, Acreage of Crops in, 93
Care of,	Seeding Down Lands, 118 Seed Sower, Bartholemew's, 304
by G. Howatt, 53, 139, 161,	Seeds, Tarring to cover with Lime, 221
178, 288	Sewing Machine, Atwater's, 34
Dover, 61	SHEEP-Buckwheat straw for, 60
Digger, Hardenburgh's, 248 Disease in, 338	and Cows, Pasturing togeth- er,
Directions for Pitting, 364	Jotswold,
Experiments with, _ 156, 186, 258	Mr. Reybold's, 245
348, 371	Buck Cedric, 345
With Manures on, 176 For Fattening Hogs, 353	Ewes, Best Food for, 222 For South America, 82
How to Cut for Planting, 146	In New-York 150
Insects on, 250	Lambs, Good, 24, 379
Large and Small for Seed, 119,	To Prevent Foxes Killing, 183
Prince Albert, 53, 65, 117, 349	Rearing,
Peach Blow, 349	Oats for 252
St. Helena, 378	Profits of Fattening, 98, 151, 182
Small for Seed	Rack and feeding Trough for, 67
To Save From the Rot, 336 OULTRY—Dominique, 24	Sales of, for Texas,
Dung Hill, Seventeen Years	Spanish Merino Rams, 373
Old, 258	Stretches in, Cure for 88, 139
Fattening Spring Chickens, 236	South Downs for California, 249
Golden Spangled Hamburghs 272 Gapes in Chickens, 283, 305	For the West,
Geese and Goslings, Manage-	Ram World's Prize, 337
ment of, 272	Ticks on, Remedies for,. 60, 125
Golden Spangled Chittagongs 236	Tartar or Chinese, 83
Houses, Construction of, 63 Leghorn	Value of, to the Farmer, 211 Shingling, How to Save Laborin, 333
Mr. Giles', 292	Soils, Exhaustion of, 355
Pumpkin Seeds Injurious to 80	Absorbent Powers of, 251
Profits of, 247 Turkeys, Wild, 212	Soiling and Root Culture, 203
How to Raise,	Green Rye for,
How to Prevent Straying	Sorrel, To Destroy, 126
Abroad, 221	Sorgho or Imphee in France, 354
To Destroy Lice on, 286, 287	Sowing Machine, Broadcast, 259
Winter Care of, 109 Wood Duck, 111	Spirea Reevesiana
rairie Farming 258	Squash Bug, Figures and Descrip-
Premiums, Award of Our 160	tion of 145
Preservatory, Schooley's Patent, 89 Pumpkins for Milch Cows, 61	Squashes, Large, 356 Notes About, 48
Seed Injurious to Ducks and	St. Louis Ag. Fair 161, 259, 316
Geese, 80	St. Lawrence Co. Ag. Society, 229
Varieties of,	Stanchions for Fastening Cattle, 150
Quince from Cuttings, 158 Stocks, Angers, 94	Steam Engine for Plowing, 278 Wood's Portable, 123, 34'
Rails. Timber for, &c 94	Steuben Co. Ag. Society, 96
Rain Guage, How to Make, 242	Notes About 369
Rape, Culture of	Strawberries, Downer's Prolific, 22
Raspberry, The Allen, 51 Raspberries, Protecting in Win-	Notes About,
ter, 279	Plants Sent by Mail, 34, 94, 37
Reapers and Mowers, Report on, 160	Wilson's Albany, 240, 25
Premiums at Syracuse Trial, 44	Straw Cutters, 9
700 =	

	~
	95
	27 83
Bedford 3	76
	35 39
Symptoms of, 2	71
	07 16
Feeding Spring Pigs 1	55
	03 56
How to Fatten Prontably 3	63
Number in Ohio,	23 66
	55 55
Proper Age for Fattening, 3'	77
	61 27
Rapid Increase of, 2:	22
	33 28
Fo Prevent Sows killing their Pigs	25
Froughs for, 34	45
Weeds for, 33 Threshers, Masks for, 224, 256, 25	55
286, 30	62
Timothy, Time to Sow, 3:	23
Spring and Summer Seeding, 27	
Tobacco Growing and Turkeys 20	03
Tools, Care of 331, 34	43 40
Torrenia Asiatica,	22 30
Importance of Good,	27
Tree Seeds, Exchange of 25 Trees for the Prairies, 25	23
Mr. Fay's Plantation of 25	9
Planting on Streets,	30
Turnip Fly, Protection from, 29	00 2 <b>5</b>
Time to Sow, 19	95
Uniformity of the Seasons 18	97 89
Union Ag. Society of Palmyra, United States Ag. Society:	98
Annual Meeting of	14
Fair of, at Richmond, 30 Award of Premiums on Im-	52
plements tried at Syra-	14
Medal of 3	
	14
	96
Vegetable Egg. Culture of	18 56
	28 16
vines, rowdered Charcoat for, 20	38
To Protect from Bugs, 219, 2	56 75
Dr. Farley's, 33	38
	66 92
Water, How to Obtain, 2	16 74
WHEAT-Cleaning Seed 3	10
Early Winter, 3.	17 57
Fine and Good Yield of 3	57
Growing in Western N. 1 ork, 2	37 50
How to Collect Seed,	55 51
Manuring 2	35
Midge	$\begin{array}{c} 77 \\ 23 \end{array}$
Report on Varieties of,	47
Salt for	$\frac{28}{22}$
Will Not Turn to Chess, 31, 3	06 58
Willow, Basket, Experiments in	
Culture of	22 75
Wines. Domestic 96, 1	61
Yates Co. Ag. Society, 2	219







## INDEX TO CORRESPONDENTS.

Adair, D. L., 116, 126, 127, 157
Adair, William, 97 A Virginian, 381
A. D. G 207, 307
A F P 343
Aiken, J. R., 127 Alberger, J. L., 89
Aiderson, George
Aldrich, Verry, 319
Allen, E. S,
Allin, E.,
Alderson, George 17 Aldrich, Verry, 319 Allen, E. S. 123 Allen, Lewis F. 89 Allin, E. 189 A Plain Jamaica Farmer, 256 A. R. A. 252
A. R. A
Arnold, M. A 320
A Small Farmer,
A Subscriber 23, 26, 46, 111, 157
Ayrault, Allen,
B., 125, 186
B Z 377
Babcock, A.,
Ragg J N 76
Bailey, Lewis, 205, 255
Balsley, G. H. Sr., 35 Barleycorn, John, 75
Barleycorn, John
311, 317, 332, 335, 338
Bassett, William F., 343
B. B. N.,
Beauchamp, W. M.,
Bement, C. N., 24, 111, 121, 236 Benton, A. K., 249
Benton, G. G 190
B. B. N., 145 Beauchamp, W. M., 119 Bement, C. N., 24, 111, 121, 236 Benton, A. K., 249 Benton, G. G., 190 Blauvelt, D. T., 61
Bloss, Charles,
Brewer, H. & J., 224
Brown, A. D
Brown, A. M
Brown, Maria, 178
Bry, H. M.,
Buffum, Thomas B., 125
Bull, Charles, 148
Bullitt,
C., 17, 21, 159, 196
Carver, M., 62 C. D. G., 210
C F K 971 977
C. F. W., 26
C. G. T.,
Chaimers, J., 113
Charlton, Jesse, 237
Chavannes, Albert, 78 Childs, James, 206
Clark, J. W 19 147
Clark, S
Clark, S.,       66         Clarkson, Mrs. C.,       286         Clark, Woodcock,       23
Clay, C. M., 18
Cleveland, J. C., 98, 336, 348
Cole, A. A
Colburne, J. W., 218, 374
Conkin R. M.
Crowder, P. B., 256
Crum, Alfred, 224
Cuming, M. A 59

Curtis, D. L., Curtis, J. T., C. W. T., Davenport, B. F.,	18
C. W. T.	4
Davenport, B. F.,	32
Davis, S. G.,	11
D. E. L.,	15°
D. D. G., D. E. L., Denning, W. H., Dennis, Wilson, Dickinson, A. B.,	37
Dickinson, A. B.,	35:
Dillon, Isaac, Dixon, T. & J. M., Dolson, J. J.,	15
DOOUTIP. P	11
Doy, John, 191, Dunham & Wood, 191, Durant, G. W., 119,	300
Durant, G. W 119,	376
E. B. H.,	340
E. F.,	, 30
E. M. MCU	196
E. O. Jr., Estill, John H.,	21
E. T. M Evans, Gurdon,	180
Evans, G. W., Fitch, Asa, 238,	158
Flint, John, 238,	341
F. L. W., Foote, J. A,	352
Foote, J. A,	222
Foster, S.,	271
Gage, John	287
Gebhart, George, 125, Geddes, George, 156,	368
Geddes, George, 156, G. E. H. 287.	315 293
Gifford, H. F.,	141
G. E. H. 287, Gifford, H. F., Gleason, E. W., Graves, E. Jr., Green, Alonzo,	$\frac{267}{239}$
Green, Alonzo,	242
Griswold, Lucius,	42 364
U. 1.,	$\frac{239}{219}$
G. W. B	11
G. H.,	$\frac{376}{475}$
Н., 63, 109,	366
Hale, J. D.,	$\frac{271}{146}$
Hammond, George,	239
Hartwell, C. L.,	$\frac{225}{126}$
Hatton, R., 79,	96
Harvey, Amos,	$\frac{124}{257}$
П. П., 90,	104
H. L. B	$\frac{146}{212}$
H. S. C Holcomb, Lucius,	124 31
Hop Grower,	205
	151, 364
Ingram, C. H	222
I. H.,	$\frac{370}{352}$
James, W. L.	219
J. A. V.,	$\begin{array}{c} 243 \\ 88 \end{array}$
J. C M.,	175
J. C. S.,	222 87
J. H	184
J. H. B.,	60 54

	152
J. H. H., 87, J. I. C., 223, 227, 286,	287
J.J.	320
J. L. C. 223, 227, 280, J. J. J	375
Johnson Drof & W	14
Johnson, Prof. S. W.,	19
Johnson, B. W.,	88
Johnston, John, 60, 73, 112, 118,	138,
143, 182, 209, 235, 237, 242, 340,	369
Jones, J. B., 124,	319
Jones, John,	251
J. P.,	110
J. P	93
J. R.	
J. R.	195
Kellar, H., 212, Kennedy, Prof. A. L.,	307
Kennedy, Prof. A. L.,	303
Kenny, William,	313
Kenny, William, Keziah, Kibbee, Norman,	149
Kibbee Norman	90
Killgore A	318
Kirkbride, S. P.,	107
Take Dandan	
Lady Reader,	87
Laer, William, 97,	144
Lawton, L. A.,	127
Lawrence, Thomas,	95
Lee, Prof. D	86
Lequear, J. W.	32
Lawrence, Thomas, Lee, Prof. D., Lequear, J. W., Levesque, J., L. H. J.	74
T II I	114
L. H. J., Lincoln, J. M.,	
Lincoln, J. M.,	189
Linsley, R.,	337
M ,	299
Mauly, Uri, 13	, 30
Manly, Uri, 13 MacGowan, S. W., 13	13
Markie Matthew	381
Markic, Matthew,	57
May, J. A.,	
May, J. A.,	289
Merriman, John, McCammon, J. & T.,	291
McCammon, J. & T.,	286
M A K	284
M. D. E	283
M. D. E., Mellen, Wm. P., 218, 319, 319, 319, 319, 319, 319, 319, 319	368
Meinikheim, T. L.	186
Minor S R	174
M 15	357
M. F 156,	157
M. D.,	120
McMahon, G 54,	<b>849</b>
	30
McKinley, William,	
McMahon, G	
McKinley, William,	55
McKinley, William,	\$5 305
M. C. L. Morton, Charles F., 80, Moss. A. S. 125.	\$5 305 353
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K.	\$5 \$05 \$53 143
Morton, Charles F., 80, Moss, A. S., 125, M. H. K.,	\$5 305 353 143 142
Morton, Charles F., 80, Moss, A. S., 125, M. H. K.,	\$5 \$05 \$53 143 142 249
Morton, Charles F., 80, Moss, A. S., 125, M. H. K.,	\$5 305 353 143 142
M. C. L., Morton, Charles F., Mose, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nants, F. A. 144, 258	\$5 \$05 \$53 143 142 249
M. C. L., Morton, Charles F., Mose, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nants, F. A. 144, 258	\$53 \$53 \$143 \$142 \$249 \$291 \$302 \$380
M. C. L., Morton, Charles F., Mose, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nants, F. A. 144, 258	\$53 \$53 \$143 \$142 \$249 \$291 \$302 \$380
M. C. L., Morton, Charles F., Mose, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nants, F. A. 144, 258	\$5 \$05 \$53 143 142 249 291 302 \$80 , 63
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 56 Nichols, D. A. A., 218, 234, 242,	\$5 \$05 \$53 143 142 249 291 302 380 , 63 309,
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 56 Nichols, D. A. A., 218, 234, 242,	55 305 353 143 142 249 291 302 380 , 63 309, 357
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242,	\$5 \$05 \$53 143 142 249 291 302 \$80 , 63 309, 357 287
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242,	\$5 \$05 \$253 143 142 249 291 302 380 , 63 309, 357 287 319
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242, Oliphant, D. R., Osborne, J. H.	55 305 353 143 142 249 291 302 380 , 63 309, 357 287 319 352
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242, Oliphant, D. R., Oliphant, E., Ooborne, J. H., Observer, 172	\$5 \$05 \$253 143 142 249 291 302 \$80 , 63 309, 357 287 319
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Observer, 172,	55 305 353 143 142 249 291 302 380 , 63 309, 357 287 319 352
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Observer, 172,	\$5 \$05 \$53 143 142 249 291 302 \$80 , 63 309, 357 287 \$19 352 288 158
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., 125, M. H. K., 25, Moorie, A. C., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Osborne, J. H., Osborne, L. H., Osborne, L. H., Oo, D. P.	\$5 \$65 \$53 143 142 249 291 302 \$80 , 63 309, 357 287 319 352 288 158 22
M. C. L., Morton, Charles F., Moss, A. S., Moss, A. S., M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., M	\$53 \$53 \$143 \$142 \$249 \$291 \$302 \$80 \$63 \$309, \$357 \$288 \$158 \$22 \$27
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S.	\$55 \$05 \$253 \$143 \$142 \$249 \$291 \$302 \$80 \$63 \$309, \$357 \$319 \$352 \$288 \$158 \$22 \$27 \$29
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S.	\$55 \$653 \$143 \$142 \$249 \$291 \$302 \$80 \$63 \$357 \$287 \$288 \$158 \$22 \$27 \$29 \$60
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S.	\$55 \$05 \$453 \$143 \$142 \$249 \$291 \$302 \$380 \$357 \$287 \$319 \$352 \$228 \$27 \$29 \$60 \$61
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Naute, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S.	\$55 \$305 \$453 \$142 \$249 \$291 \$302 \$80 \$63 \$309, \$357 \$319 \$352 \$22 \$27 \$60 \$61 \$302
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E.	\$55 \$305 \$453 \$143 \$142 \$249 \$291 \$302 \$80 \$, 63 \$309, \$357 \$287 \$288 \$158 \$22 \$27 \$29 60 61 \$302 \$80
M. C. L., Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E.	\$55 \$305 \$453 \$142 \$249 \$291 \$302 \$80 \$63 \$309, \$357 \$319 \$352 \$22 \$27 \$60 \$61 \$302
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242, Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, J. So, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, J. So	\$55 \$305 \$453 \$143 \$142 \$249 \$291 \$302 \$80 \$, 63 \$309, \$357 \$287 \$288 \$158 \$22 \$27 \$29 60 61 \$302 \$80
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E., Peckham, P. P., 98, Perry, Francis, Press.	\$55 305 353 143 2249 291 302 2880 357 287 319 352 2288 158 158 60 61 302 302 127 126
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E., Peckham, P. P., 98, Perry, Francis, Press.	\$5 305 \$53 143 142 249 291 302 380 80 357 287 352 2288 158 22 27 60 61 302 80 61 302 80 61 37 63
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E., Peckham, P. P., 98, Perry, Francis, Press.	\$5 305 \$53 143 142 249 302 380 , 63 309, 357 319 352 288 158 22 27 29 60 10 126 126 1302 80 127 126 143
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E., Peckham, P. P., 98, Perry, Francis, Press.	\$5 305 \$53 143 142 249 302 380 , 63 309, 357 287 352 288 158 22 27 29 60 61 61 302 80 127 126 315 80 127 126 315 80 127 126 315 80 80 80 80 80 80 80 80 80 80 80 80 80
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 218, 234, 242, Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, J. So, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, Phelps, J. So, J. So	\$5 305 \$53 143 142 249 302 380 , 63 309, 357 319 352 288 158 22 27 29 60 10 126 126 1302 80 127 126 143
M. C. L., 80, Morton, Charles F., 80, Moss, A. S., 125, M. H. K., Moore, A. O., Morris, L. G., McCulloch, D., 283, Nauts, F. A., 144, 258, Norris, L., 47, N., 50 Nichols, D. A. A., 213, 234, 242, Oliphant, D. R., Oliphant, E., Osborne, J. H., Observer, 172, Osborne, L. H., O. D. P., Pickett, Mahlon, Pettibone, J. S., Phelps, R. R., Plank, M., Pettee, W. J., 80, Phelps, Joseph E., Peckham, P. P., 98, Perry, Francis, Press.	\$5 305 \$53 143 142 249 302 380 , 63 309, 357 287 352 288 158 22 27 29 60 61 61 302 80 127 126 315 80 127 126 315 80 127 126 315 80 80 80 80 80 80 80 80 80 80 80 80 80





